

Abstract

The present invention is related to a decision feedback equalizing apparatus and a method thereof. The
5 object of the invention is to provide to an apparatus and a method of decision feedback equalization that make a channel property of an inferior receiving signal to mild by using a channel-matched filter and decreases decision errors of symbol detector output signals by using a trellis
10 decoder with decreased complexity, whose trace back depth is 1 (TBD=1).